



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY  
DIVISION OF AIR POLLUTION CONTROL – PERMIT SECTION  
P.O. BOX 19506  
SPRINGFIELD, ILLINOIS 62794-9506

**FOR APPLICANT'S USE**

Revision #: \_\_\_\_\_  
Date: \_\_\_\_ / \_\_\_\_ / \_\_\_\_  
Page \_\_\_\_ of \_\_\_\_  
Source Designation: \_\_\_\_\_

<b>EXCESS EMISSIONS, MONITORING EQUIPMENT DOWNTIME, AND MISCELLANEOUS REPORTING FORM</b>	<b>FOR AGENCY USE ONLY</b>
	ID NUMBER: _____
	PERMIT #: _____
	DATE: _____

THIS FORM IS TO BE USED TO REPORT THE FOLLOWING:

- EXCESS EMISSIONS. I.E., THE AMOUNT OF EMISSIONS EXCEEDS THAT OF AN EMISSION STANDARD, PERMIT LIMIT OR OTHER APPLICABLE REQUIREMENT
- DOWNTIME OF EMISSIONS MONITORING OR OTHER COMPLIANCE MONITORING EQUIPMENT IS NOT SPECIFIED IN THE PERMIT
- MISCELLANEOUS INCIDENTS OF POSSIBLE NONCOMPLIANCE TO AN APPLICABLE REQUIREMENT

<b>SOURCE INFORMATION</b>	
1) SOURCE NAME: <b>Advanced Disposal- Zion Landfill</b>	
2) DATE FORM PREPARED: <b>April 29, 2016</b>	3) SOURCE ID NO. (IF KNOWN): <b>097200AAV</b>

<b>GENERAL INFORMATION</b>
4) INDICATE WHICH OF THE FOLLOWING THIS FORM IS BEING USED TO REPORT:  <input type="checkbox"/> <b>EXCESS EMISSIONS</b>  <input type="checkbox"/> <b>DOWNTIME OF EMISSIONS MONITORING OR OTHER COMPLIANCE MONITORING EQUIPMENT NOT SPECIFIED IN THE PERMIT</b>  <input checked="" type="checkbox"/> <b>MISCELLANEOUS INCIDENT OF POSSIBLE NON COMPLIANCE</b>
5) PERIOD COVERED BY THIS REPORT:  FROM: <u>January 1, 2015</u> TO: <u>June 23, 2015</u>
6) NAME AND PHONE NUMBER OF PERSON TO CONTACT FOR QUESTIONS REGARDING THIS REPORT:  NAME: <u>James A. Lewis</u> TITLE: <u>Site Manager</u>  PHONE#: <u>(847) 599-5910</u>

THIS AGENCY IS AUTHORIZED TO REQUIRE THIS INFORMATION UNDER ILLINOIS REVISED STATUTES, 1991, AS AMENDED 1992, CHAPTER 111 1/2, PAR. 1039.5. DISCLOSURE OF THIS INFORMATION IS REQUIRED UNDER THAT SECTION. FAILURE TO DO SO MAY PREVENT THIS FORM FROM BEING PROCESSED AND COULD RESULT IN THE APPLICATION BEING DENIED. THIS FORM HAS BEEN APPROVED BY THE FORMS MANAGEMENT CENTER.

**APPLICATION PAGE**

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405-CAAPP

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**EXCESS EMISSIONS**

7) IDENTIFY THE EMISSION UNIT(S) AND ASSOCIATED CONTROL EQUIPMENT WHICH EXCEEDED AN EMISSION STANDARD, PERMIT CONDITION LIMIT, OR OTHER APPLICABLE REQUIREMENT (IF ADDITIONAL SPACE IS NEEDED FOR THIS SECTION, ATTACH AND LABEL AS EXHIBIT 405-1):

N/A – there were no excess emissions generated.

8) IDENTIFY THE EMISSION STANDARD(S) OR LIMIT(S) THAT WAS EXCEEDED:

N/A

9a) PROVIDE THE TYPE(S) AND AMOUNT(S) OF EMISSIONS THAT OCCURRED DURING THE EXCEEDANCE IN UNITS IDENTICAL TO THAT OF EACH EMISSION STANDARD OR LIMIT THAT WAS EXCEEDED:

N/A

b) ATTACH THE CALCULATIONS, TO THE EXTENT THEY ARE AIR EMISSIONS RELATED, ON WHICH THESE EMISSIONS WERE BASED AND LABEL AS EXHIBIT 405-1.

10) DURATION OF EXCEEDANCE (E.G., 1 HOUR & 50 MINUTES):

N/A

11) DATE OF OCCURRENCE OF EXCEEDANCE: \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_

N/A

12) DESCRIBE THE EXCEEDANCE INCIDENT, INCLUDING THE SUSPECTED OR KNOWN CAUSE OF THE EXCEEDANCE:

N/A

13) DESCRIBE CORRECTIVE ACTIONS TAKEN AT THE TIME OF THE EXCEEDANCE INCIDENT:

N/A

14) DESCRIBE SUBSEQUENT ACTIONS TAKEN TO PREVENT FUTURE EXCEEDANCES:

N/A

<b>UNPERMITTED DOWNTIME OF MONITORING EQUIPMENT</b>	
15) IDENTIFY THE MONITORING EQUIPMENT WHICH WAS NONFUNCTIONAL, INCLUDING THE MONITORED PARAMETER AND THE EMISSION UNIT(S) AND/OR CONTROL EQUIPMENT BEING MONITORED:	N/A
16) DATE MONITOR WAS DOWN:	N/A
17) DURATION OF MONITOR DOWNTIME (E.G., 1 HOUR & 50 MINUTES):	N/A
18) DESCRIBE THE SUSPECTED OR KNOWN CAUSE OF THE MONITOR FAILURE:	N/A
19) DESCRIBE CORRECTIVE ACTIONS TAKEN AT THE TIME OF MONITOR FAILURE:	N/A
20) DESCRIBE SUBSEQUENT ACTIONS TAKEN TO PREVENT FUTURE FAILURES:	N/A

<b>MISCELLANEOUS INCIDENT</b>	
21) DESCRIBE THE INCIDENT AND IDENTIFY THE EMISSION UNIT(S) AND CONTROL EQUIPMENT INVOLVED:	<p>7.1.6.a - The expired CAAPP permit lists a Site 2 landfill design capacity of 5.9 million megagrams. The 2015 total MSW waste in Site 2 reached over 7 million megagrams which exceeds this limit.</p> <p>5.5.1- CAAPP Fee Limits for SO<sub>2</sub> were exceeded in 2015. SO<sub>2</sub> emissions rate in 2015 was above the current CAAPP permitted value of 6.91 tons/year.</p> <p>9.2.1- Because the facility has reported one or more deviations of the permit during the reporting period, this condition is marked as intermittent compliance.</p>
22) PROVIDE THE RULE(S) OR PERMIT CONDITION(S) WHICH MAY HAVE BEEN VIOLATED (IF APPLICABLE)	7.1.6.a and 5.5.1
23) DATE OF OCCURRENCE OF THE INCIDENT:	<p>7.1.6.a - N/A. In place waste is reviewed on an annual basis during the air emissions inventory the following year.</p> <p>5.5.1- 2015</p>
24) DURATION OF THE INCIDENT (E.G , 1 HOUR & 50 MINUTES):	<p>7.1.6.a - N/A. Waste in place weights will continue to increase as long as the landfill is open.</p> <p>5.5.1- 2015</p>
25a) PROVIDE THE TYPE AND AMOUNT OF EMISSIONS THAT OCCURRED DURING THE INCIDENT IN UNITS IDENTICAL TO THAT OF EACH EMISSION STANDARD OR LIMIT (IF APPLICABLE):	<p>7.1.6.a - N/A. The expired CAAPP permit does not list fugitive VOM emissions from the landfill as a limit. The fugitive landfill emissions are well below the current permitted source limits.</p> <p>5.5.1- SO<sub>2</sub> emissions thru 6/2015 for 2015 were 14.21 tons/yr. The 9/1/2011 Construction Permit Limit for the landfill is 200 tons/yr.</p>
b) ATTACH THE CALCULATIONS, TO THE EXTENT THEY ARE AIR EMISSIONS RELATED, ON WHICH THESE EMISSIONS WERE BASED AND LABEL AS EXHIBIT 405-3	<p>7.1.6.a- N/A</p> <p>5.5.1- Included with 2015 annual emissions inventory.</p>

26) DESCRIBE THE SUSPECTED OR KNOWN CAUSE OF THE INCIDENT:

7.1.6.a- This was previously identified as a potential issue to IEPA in 2009, when the facility submitted a CAAPP renewal application and requested the design capacity to be listed in the permit on a volume basis, rather than a weight basis. The current permitted volume for the facility is 14,060,000 bank cubic yards, and the facility has not exceeded this volume based design capacity.

5.5.1- The facility obtained required construction permits to increase annual SO2 limits for the flares, and impose new source limits. CAAPP modifications were submitted to IEPA. The IEPA issued a new CAAPP permit on 6/24/2015.

27) DESCRIBE CORRECTIVE ACTIONS TAKEN AT THE TIME OF THE INCIDENT:

This deviation report was submitted. The IEPA issued a new CAAPP permit on 6/24/2015.

28) DESCRIBE SUBSEQUENT ACTIONS TAKEN TO PREVENT FUTURE INCIDENTS:

This deviation report was submitted. The IEPA issued a new CAAPP permit on 6/24/2015.

29) PROVIDE ANY OTHER PERTINENT INFORMATION:

N/A

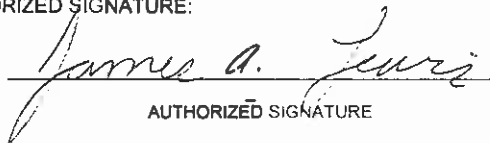
#### SIGNATURE BLOCK

NOTE: THIS CERTIFICATION MUST BE SIGNED BY A RESPONSIBLE OFFICIAL. APPLICATIONS WITHOUT A SIGNED CERTIFICATION WILL BE RETURNED AS INCOMPLETE.

30) I CERTIFY UNDER PENALTY OF LAW THAT, BASED ON INFORMATION AND BELIEF FORMED AFTER REASONABLE INQUIRY, THE STATEMENTS AND INFORMATION CONTAINED IN THIS APPLICATION ARE TRUE, ACCURATE AND COMPLETE.

AUTHORIZED SIGNATURE:

BY:



AUTHORIZED SIGNATURE

James A. Lewis  
TYPED OR PRINTED NAME OF SIGNATORY

General Manager

TITLE OF SIGNATORY

4/29/16

DATE

APPLICATION PAGE \_\_\_\_\_

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